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Patent Abstracts of Japan

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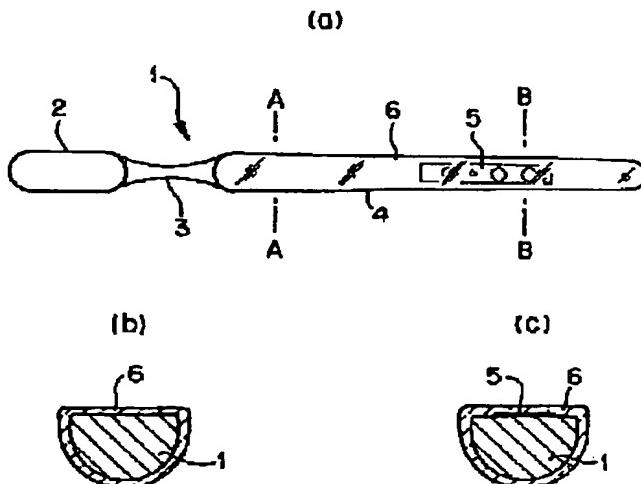
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APPLICANT : SHIN ETSU POLYMER CO LTD;

INVENTOR : TOMINAGA KIMITOKU;

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TITLE : TOOTHBRUSH HANDLE



**ABSTRACT :** PROBLEM TO BE SOLVED: To prevent printed characters and patterns from disappearing by providing a transparent urethane resin film on the surface of a synthetic resin brush handle molding.

SOLUTION: A brush handle molding 1 made by extrusion is made up of a bristled portion 2 and a neck portion 3 and a grip portion 4. The neck portion 3, the grip portion 4 or both parts 3, 4 of the brush handle molding 1 bear characters and patterns 5 printed on prescribed positions by hot stamping, silk screen or tampon printing when necessary. Or to increase the adhesiveness to the brush handle molding of an urethane resin film 6, the surface of the brush handle molding 1 is treated with UV cleaning or plasma treatment. After that, the entire surface including the part thereon is covered with an urethane resin film 6. As printing can be made clearly and easily, resists stains and wear, printed characters and patterns do not disappear even after a long use. It is characterized by a slip prevention effect, a feeling of rubber, an up-scale look, and artistic quality.

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